

PATENT  
Customer No. 22,852  
Attorney Docket No. 08350.3519

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Erik M. SCHMAUSER *et al.*

Application No.: 10/066,471

Filed: January 31, 2002

For: PIEZOELECTRIC ACTUATOR

)  
) Group Art Unit: 3754

)  
) Examiner: John K. FRISTOE, Jr.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

RECEIVED  
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TECHNOLOGY CENTER R3700

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that Caterpillar Inc. is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors (copy enclosed). The undersigned certifies that the evidentiary document(s) have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee Caterpillar Inc.

The undersigned hereby grants its power of attorney to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, Customer Number 22,852, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Heffer, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry

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Please send all future correspondence concerning this application to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. at the following address:

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Dated: March 9, 2004

By: Laurie J. Huxtable  
Laurie J. Huxtable  
Assistant Secretary, Caterpillar Inc.

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08351.0061  
Client Ref. No. Drei-S-Werk; BU 397

## ASSIGNMENT

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

### PIEZOELECTRIC ACTUATOR

for which We filed an application for United States Letters Patent on December 5, 2002 (Application No. 10/066,471); and

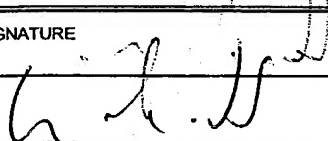
WHEREAS, **Caterpillar Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-6490**, hereinafter referred to as Assignee, is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application No. 60/265,753, filed **January 31, 2001**, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Erik M. SCHMAUSER	ASSIGNOR'S SIGNATURE 	DATE 26.01.04
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Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08351.0061  
Client Ref. No. Drei-S-Werk; BU 397

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SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08351.0061  
Client Ref. No. Drei-S-Werk; BU 397

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